

**Expert Workshop: Resilience and Urbanisation
Workstream Sustainable Building and Living, Focus on Plastics**

Shanghai, PR China, May 21st, 2019

- Objectives**
- To identify and examine the innovative fields in the construction area regarding climate resilience of the buildings, rapid urbanisation and the corresponding issues like affordable housing in focus of plastics and / or its alternatives in building and living applications.
 - To collect expert feedback on the crucial questions in workstream shaping the final report direction and setting agenda for the near future.
- Participants** Regional Stakeholders from Asia and international participants from global companies and institutions relevant to the subject:
- Chemistry and materials manufacturers: polymer and construction chemical producers
 - Construction engineers, architects, building craft
 - Facility Managers
 - Housing Associations
 - Recycling and waste sector
 - Ministries (Construction, Environment) and subsequent agencies
 - NGOs (Consumer Protection)
 - International Organisation
 - Academics (relevant researchers and scientists)
- Date/Time** May 21st 2019, 1:30 pm – 6:00 pm
- Venue** Exhibition Area of AchemAsia, Room M 701, Shanghai, PR China
- <https://www.achemasia.de/en.html>

Contact and further information

<i>Thematic contributions & organisation</i>	<i>Oleg Ditkovskiy</i> oleg.ditkovskiy@isc3.org
<i>Director ISC₃ Science & Innovation</i>	<i>Dr. Claudio Cinquemani</i> claudio.cinquemani@isc3.org

Agenda

Tuesday, May 21st 1:30 pm – 6:00 pm

Welcome and Introduction

- Networking coffee and registration
- Welcome to the workshop and introductory round for participants

Session 1: ISC₃ as a global Think Tank & Pre-Study on Plastics in Construction

- Presentation of ISC₃ as a new international Think Tank, C. Cinquemani, ISC₃
- Presentation of the Workstream Plastics in Sustainable Building & Living, C. Cinquemani & O. Ditkovskiy, ISC₃
- Introduction of the preliminary study Plastics in Construction by Prof. Dr. H. Friege, Leuphana University, O. Ditkovskiy, ISC₃
- Key speaker 1 (tbc), Prof. Lou Ziyang, Professor of Waste Economy at Jia Tong-Univ. Shanghai
- Key speaker 2 (tbc) Dr. Belazzi, BauXund -Research & Consultancy, Austria
- Key Speaker 3 (tbc) XXX

Coffee break

Session 2: Round Table Discussion on Key Questions in Workstream

- Climate Resilience of Buildings
- Urbanisation & Affordable Housing
- Plastic Applications Superior to Other solutions
- Costs and Benefits of Plastic Products
- Environmental and Health Issues
- Valorisation (Reuse & Recyclability)
- Plastic Applications in Building and Living in context of Resilience and Urbanisation
- How to drive Sustainability in construction sector?
- Summarising the innovative fields in the area
- Recommendations

Short break

Networking dinner at the nearby location